

# DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D130-780 REV B  
AND INSTRUCTIONS FOR CONTINUOUS AIRWORTHINESS ICA-D130-780 REV. 1  
REF. TCCA STC: SH93-88  
REF. FAA STC: SR00098NY  
REF. EASA STC: EASA.IM.R.S.01292

The Dart D130-702-042 Spacepod has a door that swings forward. However, for D130-780-042 B/N 52770, the door swings upward and contains an additional latch on the leading edge of the door. For this spacepod only, the modified parts list is shown below. The spacepod should otherwise be installed per IIN-D130-780 and maintained per ICA-D130-780.

## 5.0 PART LIST (IIN-D130-780 Rev. B)

### 52.11 PARTS LIST (ICA-D130-780 Rev. 1)







-042	-044	-013	Part Number	Description
X			D130-780-042	SPACEPOD™ RH, EC 130 B4
1	X		D130-780-044	DOOR ASSEMBLY, RH
1		X	D130-780-013	SWITCH RELOCATION KIT
2			D3815-041	WEB ASSEMBLY
3			D3815-5	PACKER
	1		D2589	KEYS, KEY CHAIN
1			D3837-1	DECAL
1			D3015-3	LOCK NUT
	1		D3186-2	SPACEPOD™ DOOR, RH
1			D3798-042	FLOOR
1			D3188-6	SPACEPOD™ BODY
1			D3547-1	BRACKET
1			D3550-1	STRUT
	1		D3552-9	GAS SPRING
4			AN3-3A	BOLT
4			AN3-6A	BOLT
2			AN3-10A	BOLT
1			AN5-5A	BOLT
38			AN525-10R7	SCREW
8			AN526C832R14	SCREW
6			MS24694S54	SCREW
7			MS24694S67	SCREW
1			MS24694S69	SCREW
	2		MS27039-0811	SCREW
8			A3235-020-935	WASHER
14			NAS1149D0363J	WASHER
16			NAS1149D0332J	WASHER
	4		NAS1149DN832J	WASHER
3			NAS1149D0563J	WASHER
	2		NAS1515H3	NYLON WASHER
	2		MS21042L08	NUT
22			MS21042L3	NUT (or MS21042-3)
1			MS21042L5	NUT

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CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH  
DAO # 01-O-01

APPROVED  
BY:   
D. SHEPHERD (DE # 02)

DATE: 10.03.31  
CERT. NO.: SH93-88  
ISSUE NO.: 6

A	NEW ISSUE	CP	10.03.31
REV.	DESCRIPTION	BY	DATE
DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. A
MFG. APPR.		DSI 9513	SHEET 1 OF 4
APPROVED		TITLE	SCALE
DE APPR.		SPACEPOD MODIFICATION	NTS
DATE	10.03.31	COPYRIGHT © 2010 BY DART AEROSPACE LTD	
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-042	-044	-013	Part Number	Description
10			AKS7-1032-130	INSERT
28**			AKS7-1032-130	INSERT
10			MS21059L3	NUTPLATE
		2	D3819-1	MALE SPADE CONNECTOR
		2	D3597-1	FEMALE SPADE CONNECTOR
		1	D3598-2-096	EXPANDABLE SLEEVE
		24	D3599-1	TIE-WRAP
		24	D3600-1	TIE-WRAP MOUNT
		24 FT	M22759/41-22-9	WIRE
	1*		D2464-1250	NEOPRENE SEAL
			D3837-3	DECAL
1**	1*		D3837-4	DECAL
	3*		D2586	LATCH
	3*		D2585	MOUNTING CHANNEL
	3*		D2621	LATCH PLATE
	3*		MS27039-1-15	SCREW
	3*		NAS1149D0363J	WASHER
	3*		MS21042L3	NUT (or MS21042-3)
	1*		D2857-1	HINGE BRACKET
	1*		D2857-2	HINGE BRACKET
	1*		D2228	BACKING PLATE
	1*		D3548-1	BRACKET
	8*		AN526C832R10	SCREW
	8*		NAS1149DN832J	WASHER
	8*		MS21042L08	NUT
1**			D3549-1	BRACKET
1**	1		D3554-7	BALL STUD
1**	1		D3015-3	LOCK NUT
1**			D2237	STRIKER PLATE
8**			MS20426AD4-5	RIVET
2**			MS20426AD4-6	RIVET
1**	1		AN960JD516	WASHER
2**			D2237	STRIKER PLATE
4**			MS20426AD4-5	RIVET
2**			D3538-1	HINGE BRACKET
2**			D2179	HINGE BRACKET PLATE
4**			NAS1149DN832J	WASHER
4**			MS21042L08	NUT
4**			AN526C832R14	SCREW

\* Pre-installed on D3186-2 Spacepod™ Door






\*\* Pre-installed on D3188-6 Spacepod™

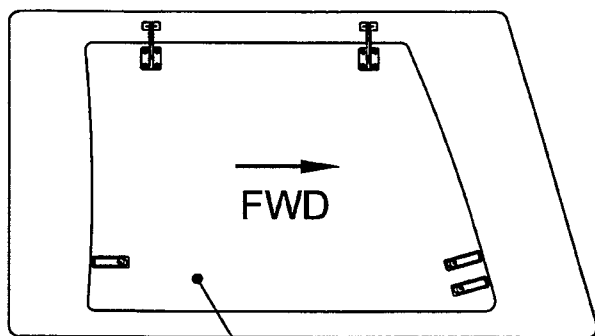
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DAO # 01-Q-01

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BY:   
D. SHEPHERD (DE # 02)

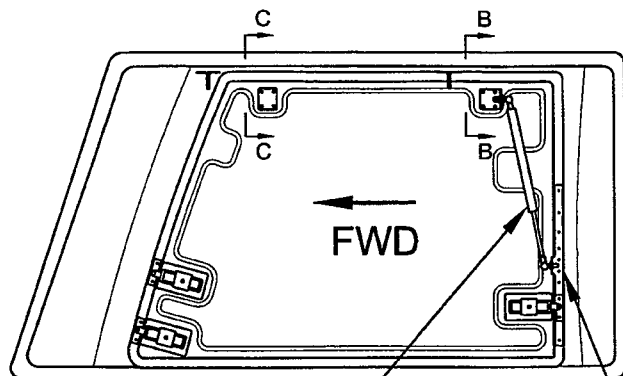
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CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9513	SHEET 2 OF 4
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D3186-2  
SPACEPOD DOOR, RH

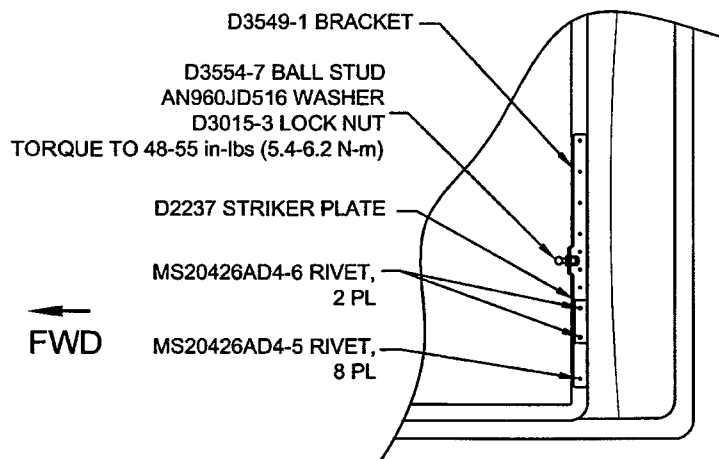
VIEW LOOKING INBOARD  
AT OUTSIDE OF SPACEPOD



D3552-9 GAS SPRING  
D3549-1 BRACKET INSTALLATION  
SEE DETAIL A

VIEW LOOKING OUTBOARD  
AT INSIDE OF SPACEPOD

**FIGURE 1: D130-780-042 SPACEPOD, B/N 52770**



**DETAIL A**  
**(DOOR NOT SHOWN FOR CLARITY)**

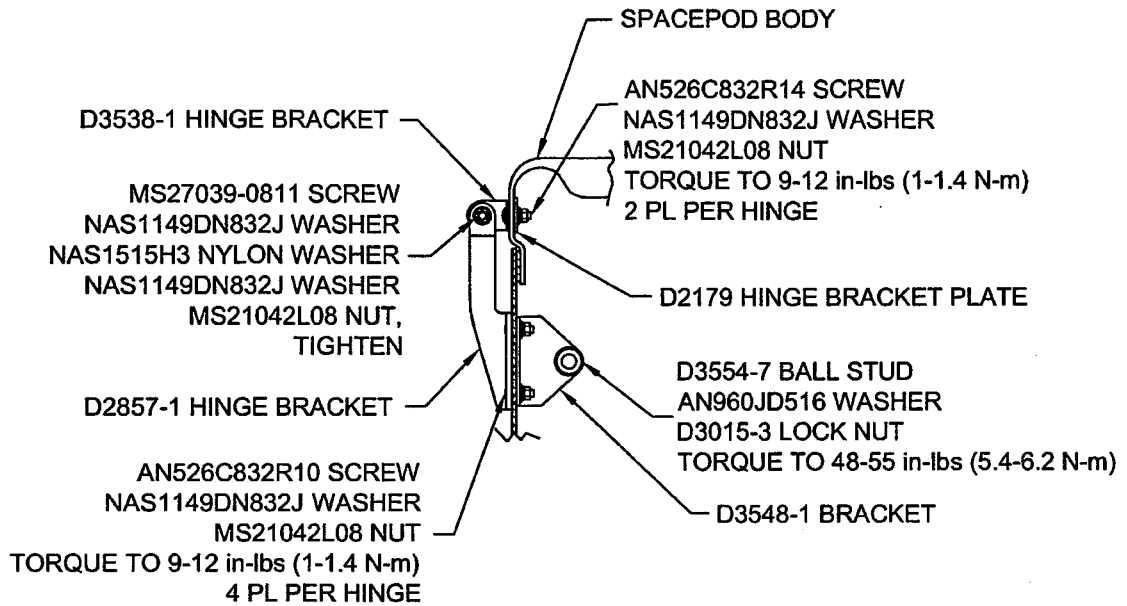
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DAO # 01-O-01

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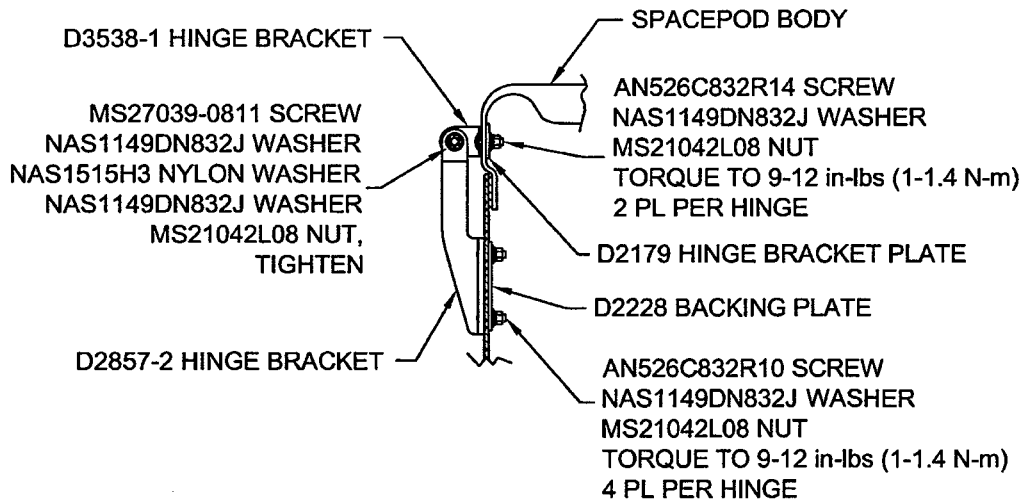
BY: *[Signature]*  
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### SECTION B-B



### SECTION C-C

CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH  
DAO # 01-O-01

APPROVED

BY: *[Signature]*  
D. SHEPHERD (DE # 02)

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DESIGN	<i>[Signature]</i>	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
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CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. A
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APPROVED	<i>[Signature]</i>	TITLE	SCALE
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